

**Amount of substance, Food, China, NRCCRM (National Research Center for Certified Reference Material)**

Note: In the case where an uncertainty range is given, the expanded uncertainty range is expressed as the uncertainty of the smallest value of the quantity to the uncertainty of the largest value of the quantity.

Note: The expanded uncertainties given below correspond to  $k = 2$  (level of confidence 95%)

NMI Service Identifier	Measurement Service Category	Matrix	Measurand		Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value				Range of Certified Values in Reference Materials			Range of Expanded Uncertainties for Certified Value				Mechanism(s) for Measurement Service Delivery
			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	
Food-1	Contaminants	Fish oil	p,p'-DDE	Mass fraction	1	10	µg/g	2.1	1.1	%	Yes								Analytical test
Food-2	Contaminants	Fish oil	p,p'-DDT	Mass fraction	0.07	10	µg/g	2.5	0.8	%	Yes								Analytical test
Food-3	Contaminants	Fish oil	gamma-BHC	Mass fraction	0.01	10	µg/g	10.7	0.8	%	Yes								Analytical test
Food-5	Other	Non fat milk powder	potassium	Mass fraction	0.01	40	mg/g	5	1	%	Yes	18.6	18.6	mg/g	0.5	0.5	mg/g	No	Analytical test
																			CRM GBW08509
Food-6	Other	Non fat milk powder	sodium	Mass fraction	0.01	10	mg/g	5	1	%	Yes	5.26	5.26	mg/g	0.17	0.17	mg/g	No	Analytical test
																			CRM GBW08509
Food-7	Other	Non fat milk powder	calcium	Mass fraction	0.01	20	mg/g	5	1	%	Yes	12.2	12.2	mg/g	0.5	0.5	mg/g	No	Analytical test
																			CRM GBW08509
Food-8	Other	Non fat milk powder	magnesium	Mass fraction	0.01	3	mg/g	5	1	%	Yes	1.30	1.30	mg/g	0.05	0.05	mg/g	No	Analytical test
																			CRM GBW08509
Food-12	Other	Non fat milk powder	copper	Mass fraction	0.1	1000	mg/kg	20	1	%	Yes	0.26	0.26	mg/kg	0.05	0.05	mg/kg	No	Analytical test
																			CRM GBW08509
Food-13	Other	Non fat milk powder	zinc	Mass fraction	1	1000	mg/kg	10	2	%	Yes	46.8	46.8	mg/kg	2.8	2.8	mg/kg	No	Analytical test
																			CRM GBW08509
Food-14	Other	Non fat milk powder	manganese	Mass fraction	0.1	1000	mg/kg	20	1	%	Yes	0.28	0.28	mg/kg	0.05	0.05	mg/kg	No	Analytical test
																			CRM GBW08509
Food-15	Contaminants	Non fat milk powder	lead	Mass fraction	0.01	10	mg/kg	30	2	%	Yes	0.034	0.034	mg/kg	0.010	0.010	mg/kg	No	Analytical test
																			CRM GBW08509
Food-16	Other	Non fat milk powder	iron	Mass fraction	1	1000	mg/kg	20	1	%	Yes	5.18	5.18	mg/kg	0.73	0.73	mg/kg	No	Analytical test
																			CRM GBW08509

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			Analyte or Component	Quantity	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	From	To	Unit	From	To	Unit	Is the expanded uncertainty a relative one?	
Food-18	Contaminants	Non fat milk powder	cadmium	Mass fraction	0.005	10	mg/kg	20	1	%	Yes	0.0069	2.602	mg/kg	0.0014	0.052	mg/kg	No	Analytical test
																			CRM GBW08510